Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035820.D
Acq On : 24 Dec 2024 14:19
Operator : RC/JU
Sample : P5376-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW10-MW01S-20241218

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 23:18:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3143	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	7176	0.400	ng	-0.01
13) Acenaphthene-d10	13.924	164	4458	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	8922	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7054	0.400	ng	# 0.00
35) Perylene-d12	23.029	264	6962	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	4.931	112	917	0.117	ng	0.00
5) Phenol-d6	6.484	99	441	0.047	ng	0.00
8) Nitrobenzene-d5	8.408	82	1881m	0.429	ng	0.00
11) 2-Methylnaphthalene-d10	11.615	152	4238	0.377	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	621	0.196	ng	0.00
15) 2-Fluorobiphenyl	12.538	172	6805	0.404	ng	0.00
27) Fluoranthene-d10	18.752	212	10147	0.401	ng	0.00
31) Terphenyl-d14	19.379	244	7626	0.548	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.981	88	288	0.096	ng	# 82
9) Naphthalene	10.062	128	1741	0.092	ng	# 85
12) 2-Methylnaphthalene	11.692	142	1119	0.083	ng	# 90
16) Acenaphthylene	13.636	152	1929	0.103	ng	99
17) Acenaphthene	13.988	154	1200	0.097	ng	99
18) Fluorene	15.004	166	1564	0.088	ng	100
25) Phenanthrene	16.735	178	2911	0.119	ng	98
26) Anthracene	16.835	178	2107	0.095	ng	97
28) Fluoranthene	18.780	202	3244	0.098	ng	100
30) Pyrene	19.151	202	3281	0.126	ng	99
32) Benzo(a)anthracene	20.938	228	2057	0.083	ng	94
33) Chrysene	20.982	228	2719	0.107	ng	95
34) Bis(2-ethylhexyl)phtha...	20.902	149	426	0.044	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.076	276	1756	0.065	ng	# 79
37) Benzo(b)fluoranthene	22.427	252	2679	0.105	ng	# 52
38) Benzo(k)fluoranthene	22.465	252	2525m	0.101	ng	
39) Benzo(a)pyrene	22.947	252	1551	0.074	ng	# 24
40) Dibenzo(a,h)anthracene	25.093	278	1312	0.061	ng	# 29
41) Benzo(g,h,i)perylene	25.675	276	1511	0.067	ng	# 72

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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